


SUBSTITUTE FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 3578-120	SERIAL NO. 09/998,491
				APPLICANT: Radmila Mileusnic, et al.	
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U.S. PATENT DOCUMENTS

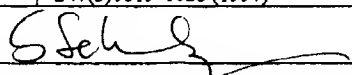
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JS	AA	5,958,883	09/1999	Snow	514	16	

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		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
JS	AB	WO 98/09985	03/12/1998	PCT				
	AC	WO 97/0063	01/03/1997	PCT				
	AD	WO 98/21327	05/22/1998	PCT				

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JS	AE	Curtain, et al.: "Fusogenic activity of amino-terminal region of HIV type 1 Nef protein" <i>Aids Research And Human Retroviruses</i> 10(10): 1231-40 (October 1994)						
	AF	James, et al.: "Basic amino acids predominate in the sequential autoantigenic determinant of the small nuclear 70K ribonucleoprotein", <i>Scandinavian Journal Of Immunology</i> 39(6): 557-66 (1994)						
	AG	Koo, et al., "Amyloid β -protein as a substrate interacts with extracellular matrix to promote neurite outgrowth", <i>Proc. Natl. Acad. Sci. USA</i> 90:4748-4752 (May 1993)						
	AH	Merrifield, B: "Solid Phase Synthesis" <i>Science</i> , 232(18)341-347 (1986-04-18)						
	AI	Rist, et al: "The bioactive conformation of neuropeptide Y analogues at the human Y-2-receptor", <i>European Journal Of Biochemistry</i> 247(3)1019-1028 (1997)						

EXAMINER		DATE CONSIDERED	3/10/04
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SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION 	ATTY. DOCKET NO. 3578-120	SERIAL NO. 09/998,491	JUN 18 2002 TECH CENTER 1600/2900 1647 1614
	APPLICANT: Radmila Mileusnic, et al.		
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		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
88	AA	WO 99/57305	11/11/99	PCT				
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88	AC	Multthaup, et al.; "Characterization of the High Affinity Heparin-Binding Site of the Alzheimer's Disease BA4 Amyloid Precursor Protein (APP) and its Enhancement by Zinc(II)"; <i>Journal of Molecular Recognition</i> , Vol. 8, 247-257 (1995)
	AD	Kang, et al.; "The precursor of Alzheimer's disease amyloid A4 protein resembles a cell-surface receptor"; <i>Nature</i> , Vol. 325 19 February 1987
	AE	Mileusnic, et al.; "APP is required during an early phase of memory formation"; <i>European Journal of Neuroscience</i> , Vol. 12, pp. 4487-4495, 2000
	AF	Abe, et al.; "Administration of amyloid β -peptides into the medial septum of rats decreases acetylcholine release from hippocampus in vivo"; <i>Brain Research</i> 636 (1994) 162-164
	AG	Barnes, et al.; "Increased Production of Amyloid Precursor Protein Provides a Substrate for Caspase-3 in Dying Motoneurons"; <i>The Journal of Neuroscience</i> , August 1, 1998, 18(15):5869-5880
	AH	Cleary, et al.; "Beta-amyloid (1-40) effects on behavior and memory"; <i>Brain Research</i> 682 (1995) 69-74
	AI	Davis, et al.; "Autoradiographic Distribution of L-Proline in Chicks After Intracerebral Injection"; <i>Physiology & Behavior</i> , Vol. 22, pp. 693-695. Pergamon Press and Brain Research Publ., 1979
	AJ	Doyle, et al.; "Intraventricular infusions of antibodies to amyloid- β -protein precursor impair the acquisition of a passive avoidance response in the rat"; <i>Neuroscience Letters</i> , 115 (1990) 97-102 Elsevier Scientific Publishers Ireland Ltd.
	AK	Flood, et al.; "Amnesic effects in mice of four synthetic peptides homologous to amyloid β protein from patients with Alzheimer disease"; <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 88, pp. 3363-3366, April 1991 <i>Neurobiology</i>
	AL	Goodman, et al.; "Secreted Forms of β -Amyloid Precursor Protein Protect Hippocampal Neurons against Amyloid β -Peptide-Induced Oxidative Injury"; <i>Experimental Neurology</i> 128, 1-12 (1994)
	AM	Goodman, et al.; "K ⁺ channel openers protect hippocampal neurons against oxidative injury and amyloid β -peptide toxicity"; <i>Brain Research</i> 706 (1996) 328-332
	AN	Huber, et al.; "Synaptic β -Amyloid Precursor Proteins Increase with Learning Capacity in Rats"; <i>Neuroscience</i> , Vol. 80, No. 2, pp. 313-320, 1997
	AO	Huber, et al.; "Involvement of amyloid precursor protein in memory formation in the rat: an indirect antibody approach"; <i>Brain Research</i> , 603 (1993) 348-352
	AP	Ishida, et al.; "Secreted form of β -amyloid precursor protein shifts the frequency dependency for induction of LTD, and enhances LTP in hippocampal slices"; <i>Neuro Report</i> 8, 2133-2137 (1997)
	AQ	Jinn, et al.; "Peptides Containing the RERMS Sequence of Amyloid β /A4 Protein Precursor Bind Cell Surface and Promote Neurite Extension"; <i>The Journal of Neuroscience</i> , September 1994, 14(9): 5461-5470
	AR	LeBlanc, et al.; "Role of Amyloid Precursor Protein (APP): Study with Antisense Transfection of Human Neuroblastoma Cells"; <i>Journal of Neuroscience Research</i> 31:635-645 (1992)
	AS	Li, et al.; "Defective Neurite Extension Is Caused by a Mutation in Amyloid β /A4 (β) Protein Precursor Found in Familial Alzheimer's Disease"; <i>J. Neurobiol.</i> , 32, 469-480 (1997)
	AT	Lossner, et al.; "Passive Avoidance Training Increases Fucokinase Activity in Right Forebrain Base of Day-Old Chicks"; <i>Journal of Neurochemistry</i> , 41 1357-1363 (1983)
✓	AU	Mattson, et al.; " β -Amyloid precursor protein metabolites and loss of neuronal Ca ²⁺ homeostasis in Alzheimer's disease"; <i>TINS</i> , Vol. 15, No. 10, 1223

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U.S. PATENT DOCUMENTS

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BA	Mattson, et al.; "Evidence for Excitoprotective and Intraneuronal Calcium-Regulating Roles for Secreted Forms of the β -Amyloid Precursor Protein"; <i>Neuron</i> , Vol. 10, 243-254, February 1993
BB	Mark P. Mattson; "Secreted Forms of β -Amyloid Precursor Protein Modulate Dendrite Outgrowth and Calcium Responses to Glutamate in Cultured Embryonic Hippocampal Neurons"; <i>J. Neurobiol.</i> , 25, 439-450 (1994)
BC	Maurice, et al.; "Amnesia induced in mice by centrally administered β -amyloid peptides involves cholinergic dysfunction"; <i>Brain Research</i> 706 (1996) 181-193
BD	Meziane, et al.; "Memory-enhancing effects of secreted forms of the β -amyloid precursor protein in normal and amnesic mice"; <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 95, pp. 12683-12688, October 1998
BE	Mucke, et al.; "Synaptotrophic effects of human amyloid β protein precursors in the cortex of transgenic mice"; <i>Brain Research</i> 666 (1994) 151-167
BF	Muller, et al.; "Behavioral and Anatomical Deficits in Mice Homozygous for a Modified β -Amyloid Precursor Protein Gene"; <i>Cell</i> , Vol. 79, 755-765, December 2, 1994
BG	Ninomiya, et al.; "Amino Acid Sequence RERMS Represents the Active Domain of Amyloid β /A4 Protein Precursor that Promotes Fibroblast Growth"; <i>The Journal of Cell Biology</i> , Volume 121, Number 4, May 1993 879-886
BH	Roeh, et al.; "Increase of synaptic density and memory retention by a peptide representing the trophic domain of the amyloid β /A4 protein precursor"; <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 91, pp. 7450-7454, August 1994
BI	Steven P.R. Rose; "God's Organism? The Chick as a Model System for Memory Studies"; <i>Learning and Memory</i> 7, 1-17 (2000)
BJ	Sandbrink, et al.; "APP gene family: unique age-associated changes in splicing of Alzheimer's β A4-amyloid protein precursor"; <i>Neurobiology of Disease</i> , 1994, 1, 13-24
BK	Saitoh, et al.; "Secreted Form of Amyloid β Protein Precursor Is Involved in the Growth Regulation of Fibroblasts"; <i>Cell</i> , Vol. 58, 615-622, August 25, 1989
BL	Schubert, et al.; "The expression of amyloid beta protein precursor protects nerve cells from β -amyloid and glutamate toxicity and alters their interaction with the extracellular matrix"; <i>Brain Research</i> , 629 (1993) 275-282
BM	Schubert, et al.; "The Regulation of Amyloid β Protein Precursor Secretion and Its Modulatory Role in Cell Adhesion"; <i>Neuron</i> , Vol. 3, 689-694, December 1989
BN	Shigematsu, et al.; "Localization of amyloid precursor protein in selective postsynaptic densities of rat cortical neurons"; <i>Brain Research</i> , 592 (1992) 353-357
BO	Ueda, et al.; "Decreased Adhesiveness of Alzheimer's Disease Fibroblasts: Is Amyloid β -Protein Precursor Involved?"; <i>Ann. Neurol.</i> , 25, 246-251 (1989)
BP	Yamamoto, et al.; "The Survival of Rat Cerebral Cortical Neurons in the Presence of Trophic APP Peptides"; <i>J. Neurobiol.</i> , 25, 585-594 (1994)
BQ	Zheng, et al.; " β -Amyloid Precursor Protein-Deficient Mice Show Reactive Gliosis and Decreased Locomotor Activity"; <i>Cell</i> , Vol. 81, 525-531, May 19, 1995
BR	Zheng, et al.; "Mice Deficient for the Amyloid Precursor Protein Gene"; <i>Ann. NY Acad. Sci.</i> , 777, 421-426 (1996)
BS	Storey, et al.; "The amyloid precursor protein of Alzheimer's disease is found on the surface of static but not actively motile portions of neurites"; <i>Brain Research</i> 735 (1996) 59-66
BT	Terranova, et al.; "Administration of amyloid β -peptides in the rat medial septum causes memory deficits: reversal by SR 57746A, a non-peptide neurotrophic compound"; <i>Neuroscience Letters</i> 213 (1996) 79-82
BU	Coulson, et al.; "What the evolution of the amyloid protein precursor supergene family tells us about its function"; <i>Neurochemistry International</i> 36 (2000) 175-184

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